In the claims:

1-25. (Cancelled)

26. (New) A stable, dry powder insulin composition produced by a method comprising:

dissolving insulin in an aqueous buffer at a concentration in the range from 0.01% to 1% to form a solution; and

spray drying the solution to produce substantially amorphous particles having an average size in the range from 0.1 μm to 5 μm.

27. (New) An insulin composition produced by a method as in claim 26, wherein the insulin is dissolved in a aqueous buffer together with a pharmaceutical carrier, wherein a dry powder having insulin present in individual particles at from 5% to 99% by weight is produced upon spray drying.

28. (New) An insulin composition produced by a method as in claim 27, wherein the pharmaceutical carrier is a carbohydrate, organic salt, amino acid, peptide, or protein which produces a powder upon spray drying.

29. (New) An insulin composition produced by a method as in claim 28, wherein the pharmaceutical carrier is a carbohydrate selected from the group consisting of mannitol, raffinose, lactose, malto dextrin and trehalose.

30. (New) An insulin composition produced by a method as in claim 28, wherein the pharmaceutical carrier is an organic salt selected from the group consisting of sodium citrate, sodium acetate, and sodium ascorbate.

31. (New) A stable, dry powder insulin composition produced by a method comprising:

dissolving insulin in an aqueous buffer at a concentration in the range from 0.01% to 1% to form a solution; and

spray drying the solution to produce substantially amorphous particles having an average size below 10 μm.

32. (New) An insulin composition produced by a method as in claim 31, wherein the insulin is dissolved in a aqueous buffer together with a pharmaceutical carrier, wherein a dry powder having insulin present in individual particles at from 5% to 99% by weight is produced upon spray drying.

33. (New) An insulin composition produced by a method as in claim 32, wherein the pharmaceutical carrier is a carbohydrate, organic salt, amino acid, peptide, or protein which produces a powder upon spray drying.

34. (New) An insulin composition produced by a method as in claim 33, herein the pharmaceutical carrier is a carbohydrate selected from the group consisting of mannitol, raffinose, lactose, malto dextrin and trehalose.

35. (New) An insulin composition produced by a method as in claim 33, wherein the pharmaceutical carrier is an organic salt selected from the group consisting of sodium citrate, sodium acetate, and sodium ascorbate.